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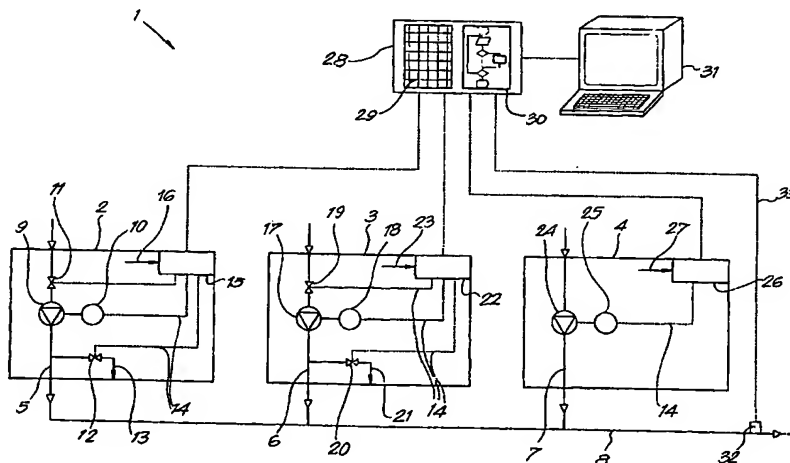
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(54) Title: METHOD FOR CONTROLLING A COMPRESSED AIR INSTALLATION COMPRISING SEVERAL COMPRES-  
SORS, CONTROL BOX APPLIED THEREBY AND COMPRESSED AIR INSTALLATION APPLYING THIS METHOD



(57) Abstract: Method for adjusting a compressed air installation with several compressors, which mainly consists of two or more electrically driven compressors (2-3-4) of what is called the "loaded/unloaded" type and/or the turbo compressor (3) type and/or the compressor (4) type with variable rotational speed, whereby these compressors (2-3-4) are each connected to a single compressed air network (8) with their outlets (5-6-7), characterized in that the method makes use of a control box (28) which makes it possible to adjust the pressure (P) in the above-mentioned compressed air network (8) around a target pressure (PS) to be set, whereby the above-mentioned adjustment takes place by controlling the flow (Q) of one or several of the above-mentioned compressors (2-3-4), in particular in order to increase the overall flow supplied by the compressors (2-3-4) when the pressure drops too much, and in order to lower the overall supplied flow when the pressure becomes too high.

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